

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022296.D
 Acq On : 24 Oct 2022 13:23
 Operator : CG/JU
 Sample : N5070-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BK4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:14:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14507	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8420	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	16680	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9460	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	7420	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	17065	3.232	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5384	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	9646	0.304	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	24934	0.582	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	19414	0.719	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	15916	0.573	ng/ul	100
10) Acenaphthylene	14.341	152	3683	0.097	ng/ul#	86
11) Acenaphthene	14.683	153	1165	0.037	ng/ul	97
12) Fluorene	15.669	166	1885	0.051	ng/ul#	91
15) Phenanthrene	17.417	178	62111	1.109	ng/ul	100
16) Anthracene	17.509	178	5685	0.120	ng/ul	97
19) Fluoranthene	19.440	202	85288	1.968	ng/ul	98
20) Pyrene	19.802	202	68848	1.582	ng/ul	98
21) Benzo(a)anthracene	21.559	228	23678	0.668	ng/ul	97
22) Chrysene	21.614	228	29911	0.796	ng/ul	98
24) Benzo(b)fluoranthene	23.280	252	37029m	0.994	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	13521m	0.373	ng/ul	
26) Benzo(a)pyrene	23.923	252	21071	0.709	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.612	276	17576	0.476	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.628	278	4134	0.140	ng/ul#	76
29) Benzo(g,h,i)perylene	27.413	276	15186	0.505	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

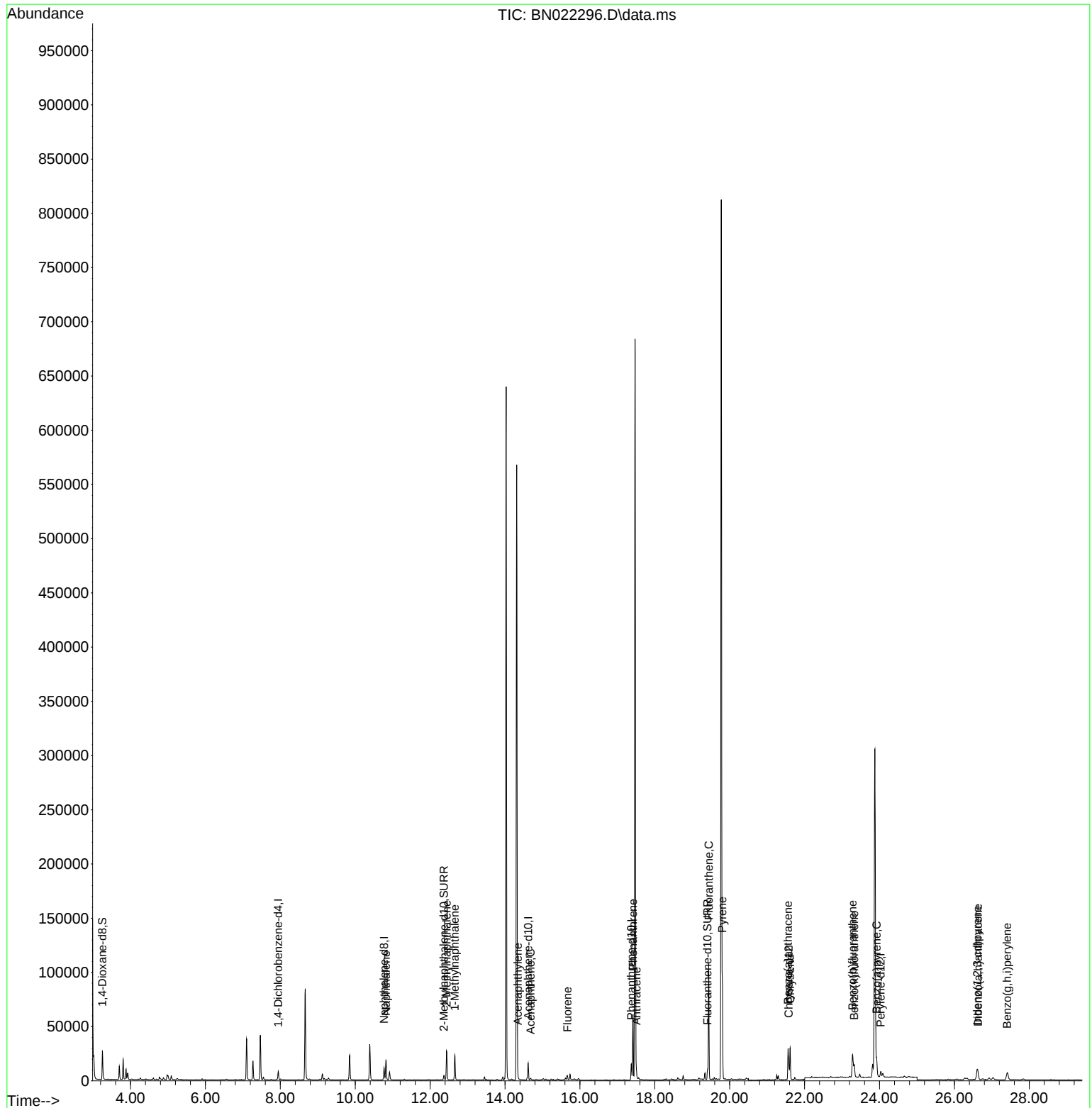
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022296.D
Acq On : 24 Oct 2022 13:23
Operator : CG/JU
Sample : N5070-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

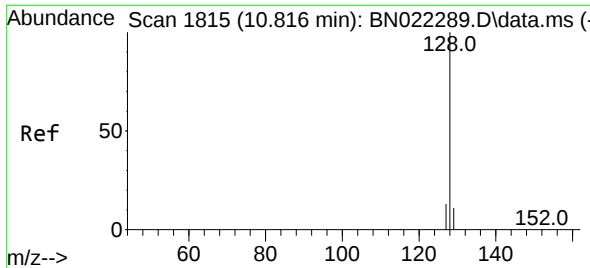
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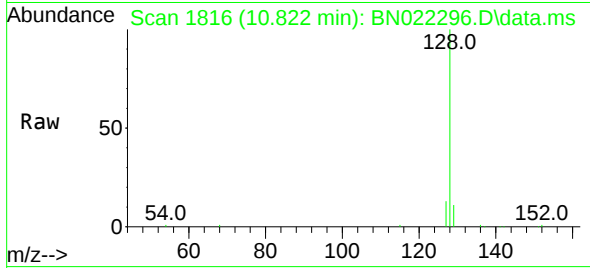
Quant Time: Oct 25 04:14:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.582 ng/ul
RT: 10.822 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

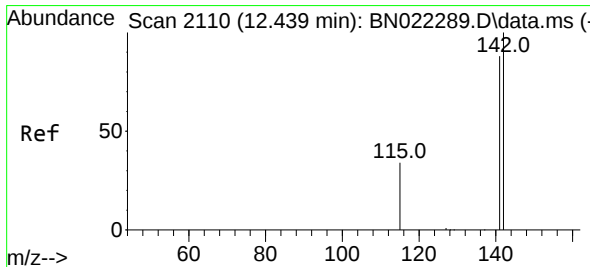
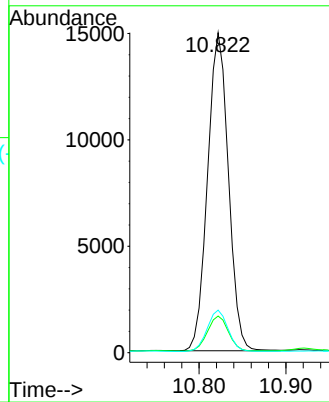
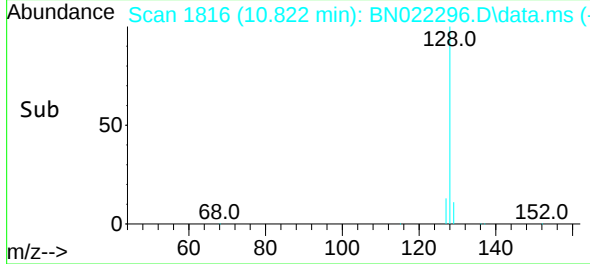
Instrument :
BNA_N
ClientSampleId :
C0BK4



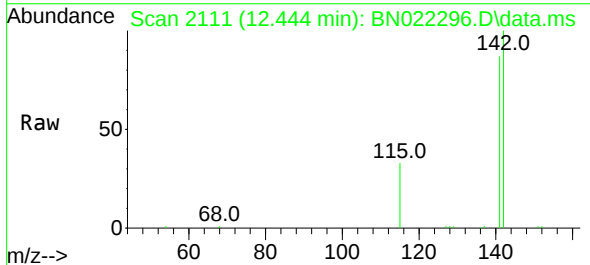
Tgt Ion:128 Resp: 24934
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.3 10.7 16.1

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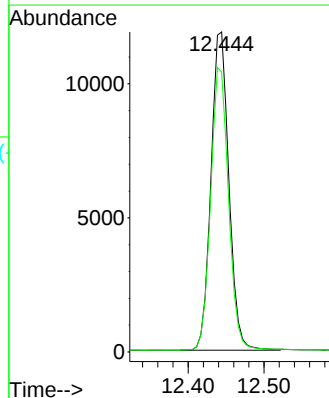
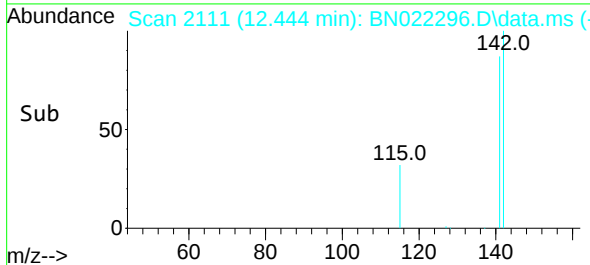
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

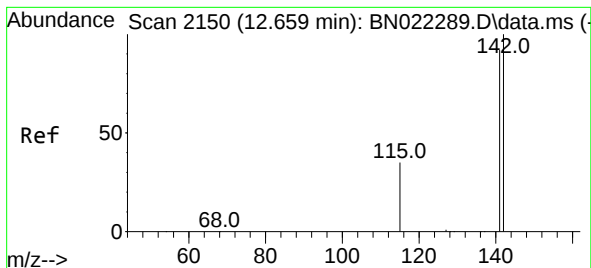


#7
2-Methylnaphthalene
Concen: 0.719 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23



Tgt Ion:142 Resp: 19414
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.573 ng/u1

RT: 12.659 min Scan# 2150

Delta R.T. -0.005 min

Lab File: BN022296.D

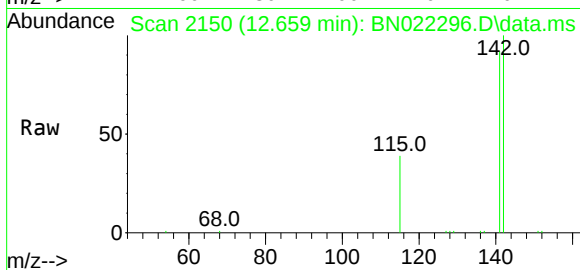
Acq: 24 Oct 2022 13:23

Instrument :

BNA_N

ClientSampleId :

C0BK4



Tgt Ion:142 Resp: 15910

Ion Ratio Lower Upper

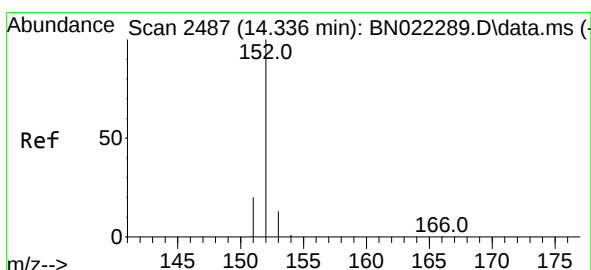
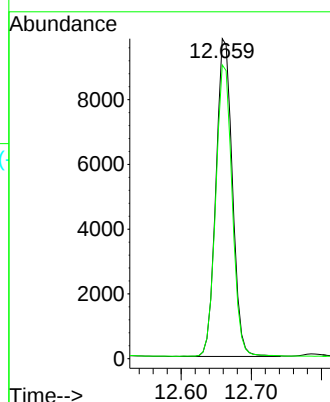
142 100

141 91.8 73.3 109.9

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#10

Acenaphthylene

Concen: 0.097 ng/u1

RT: 14.341 min Scan# 2488

Delta R.T. 0.000 min

Lab File: BN022296.D

Acq: 24 Oct 2022 13:23

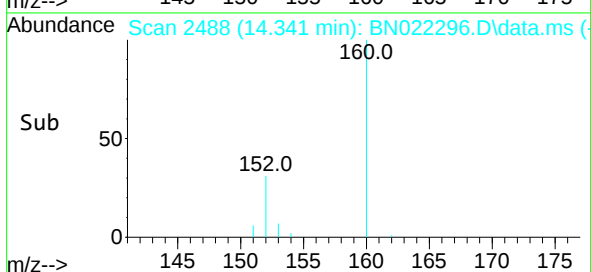
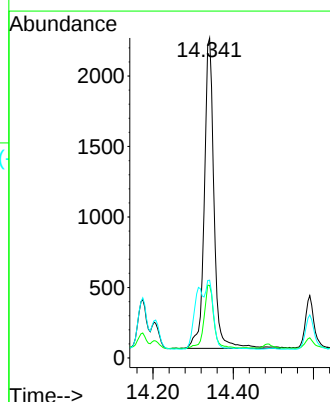
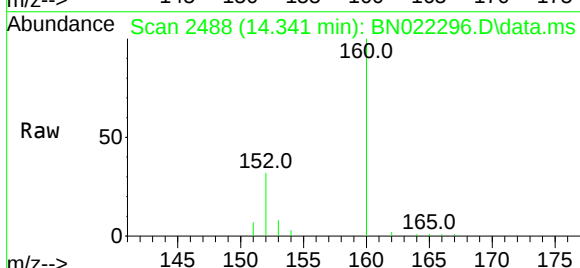
Tgt Ion:152 Resp: 3683

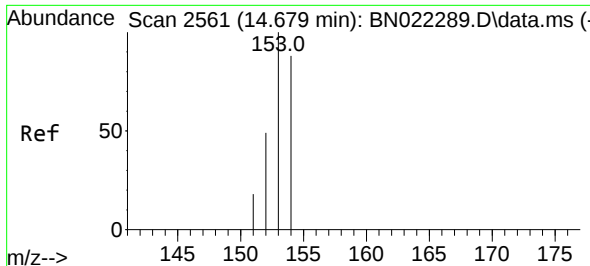
Ion Ratio Lower Upper

152 100

151 22.6 15.9 23.9

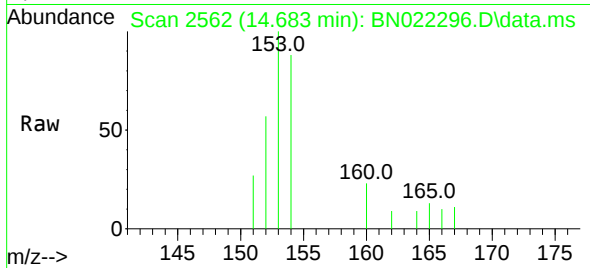
153 24.3 10.8 16.2#





#11
Acenaphthene
Concen: 0.037 ng/u1
RT: 14.683 min Scan# 2562
Delta R.T. 0.000 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

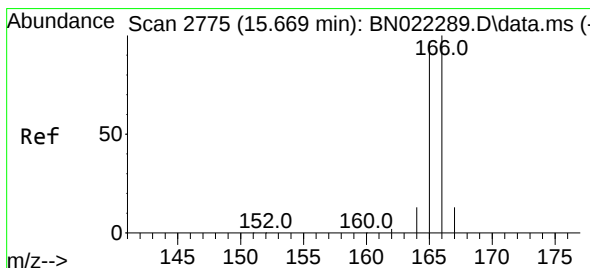
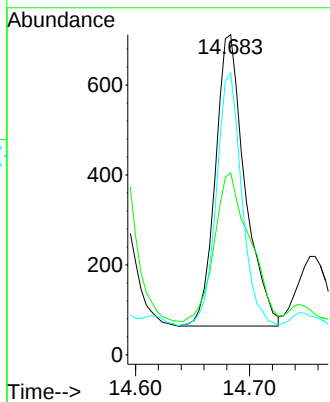
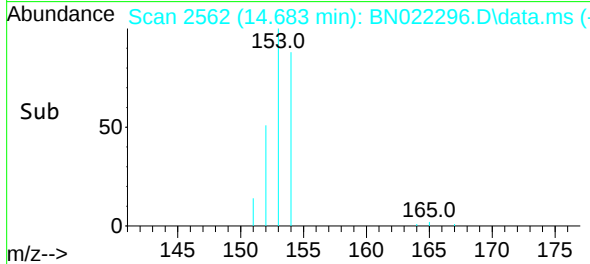
Instrument :
BNA_N
ClientSampleId :
C0BK4



Tgt Ion:153 Resp: 116
Ion Ratio Lower Upper
153 100
152 56.9 40.6 61.0
154 88.1 70.6 106.0

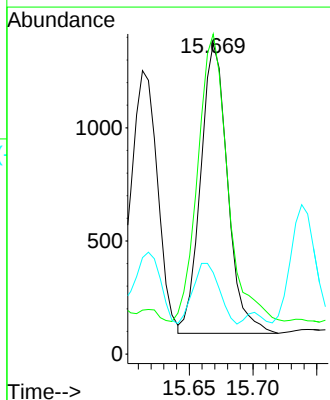
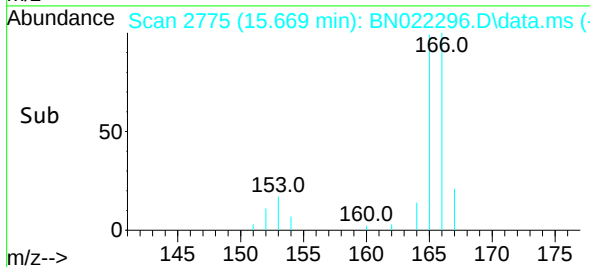
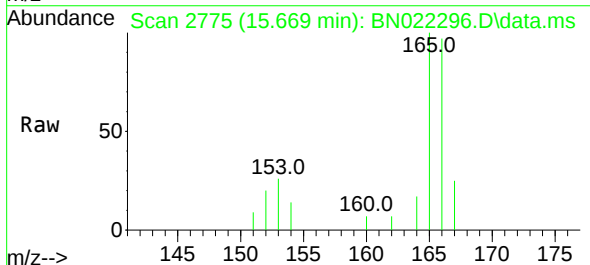
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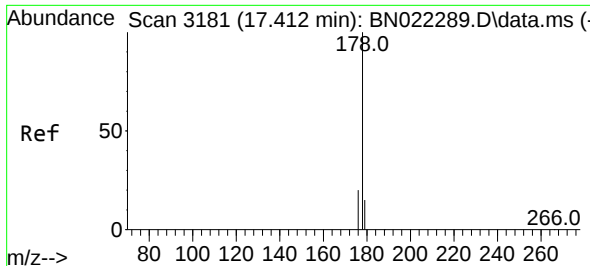
Reviewed By :Jagrut Upadhyay 10/25/2022
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#12
Fluorene
Concen: 0.051 ng/u1
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

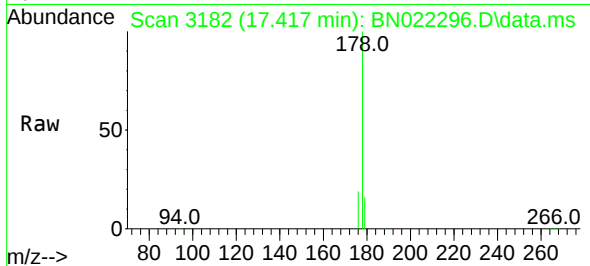
Tgt Ion:166 Resp: 1885
Ion Ratio Lower Upper
166 100
165 103.1 78.2 117.2
167 26.2 11.0 16.4#





#15
Phenanthrene
Concen: 1.109 ng/u1
RT: 17.417 min Scan# 3181
Delta R.T. 0.000 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

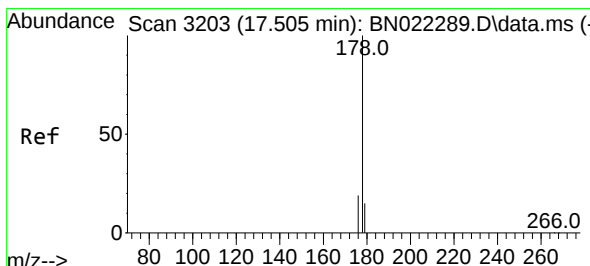
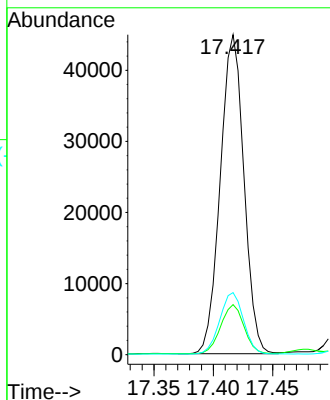
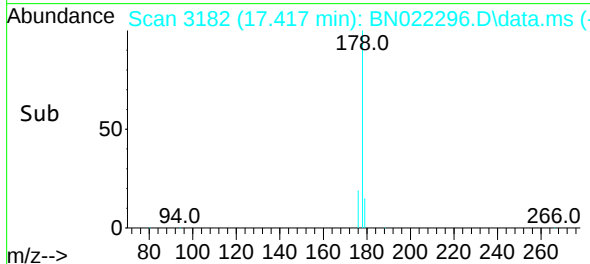
Instrument :
BNA_N
ClientSampleId :
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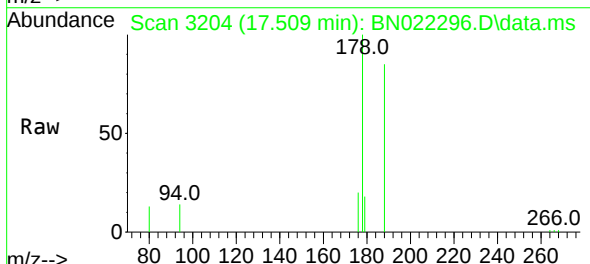
Tgt Ion:178 Resp: 6211
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.4 15.4 23.2

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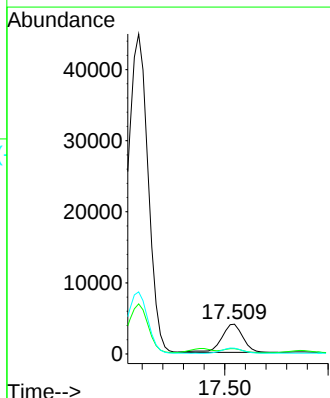
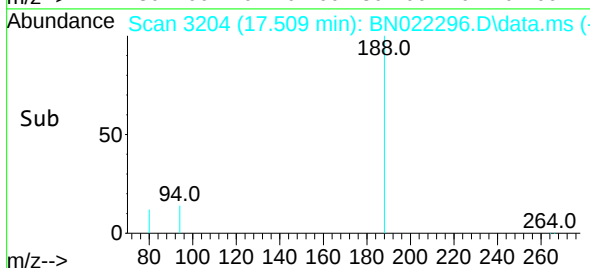
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

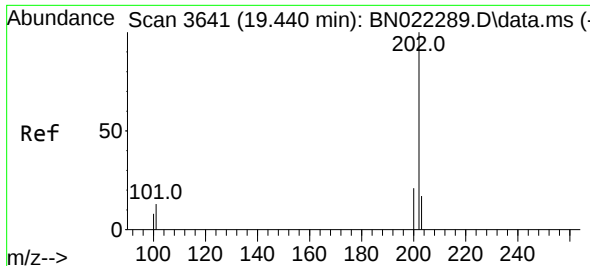


#16
Anthracene
Concen: 0.120 ng/u1
RT: 17.509 min Scan# 3204
Delta R.T. 0.000 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23



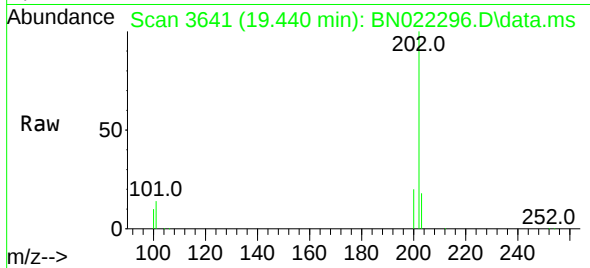
Tgt Ion:178 Resp: 5685
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 19.6 15.0 22.6





#19
Fluoranthene
Concen: 1.968 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

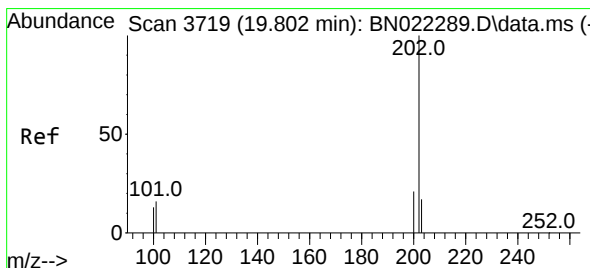
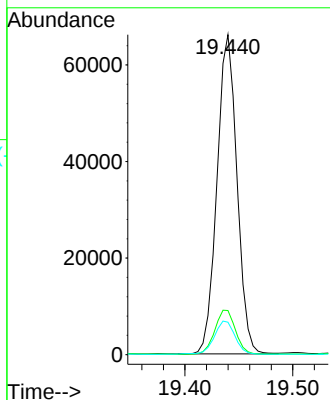
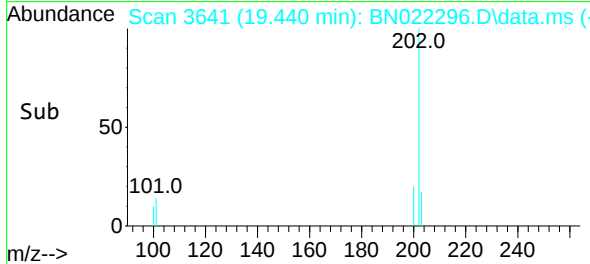
Instrument :
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ClientSampleId :
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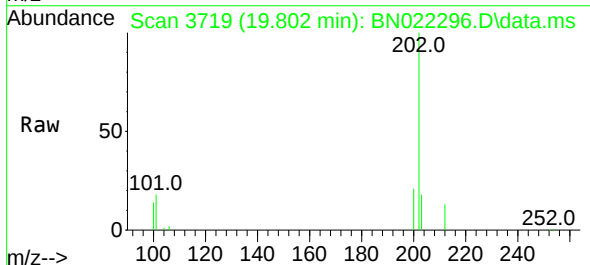
Tgt Ion:202 Resp: 8528
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 10.2 8.7 13.1

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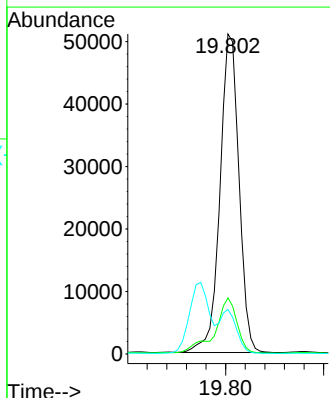
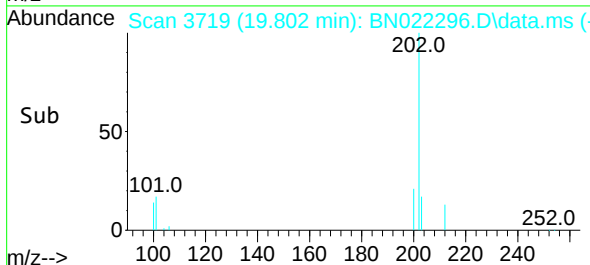
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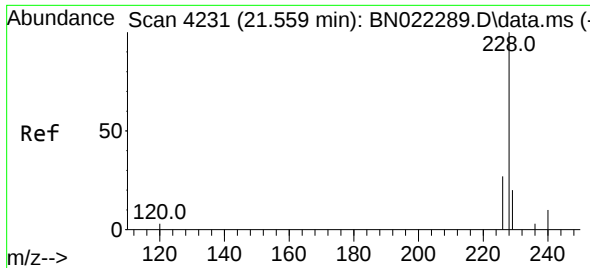


#20
Pyrene
Concen: 1.582 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. 0.000 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23



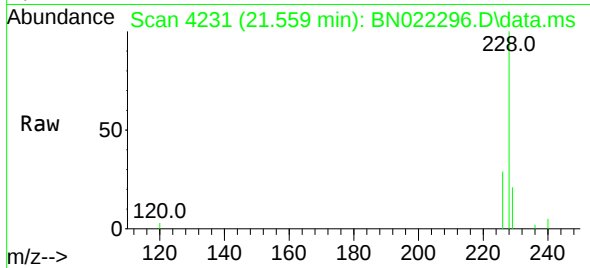
Tgt Ion:202 Resp: 68848
Ion Ratio Lower Upper
202 100
101 17.5 13.1 19.7
100 13.9 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.668 ng/u1
RT: 21.559 min Scan# 4231
Delta R.T. 0.000 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

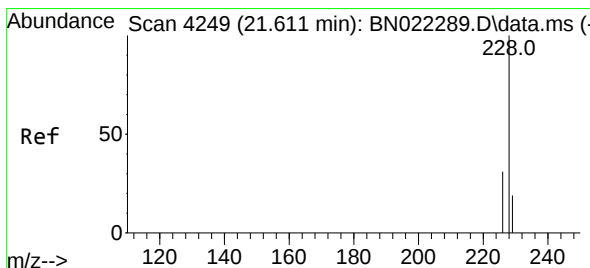
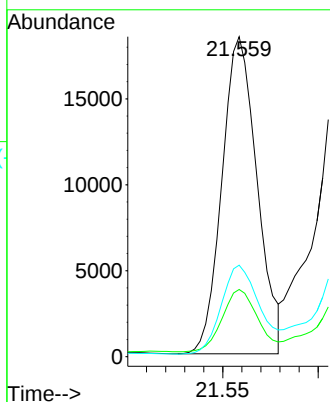
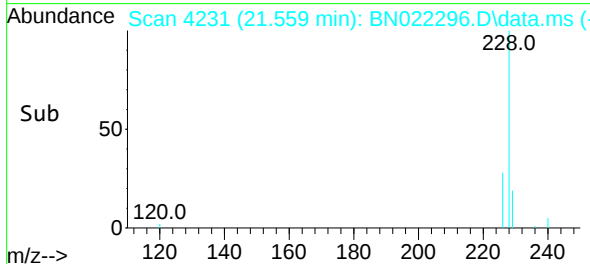
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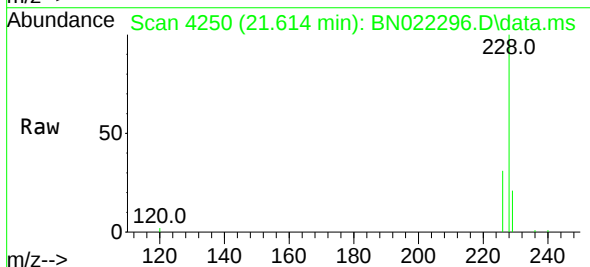
Tgt Ion:228 Resp: 23678
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.6 21.5 32.3

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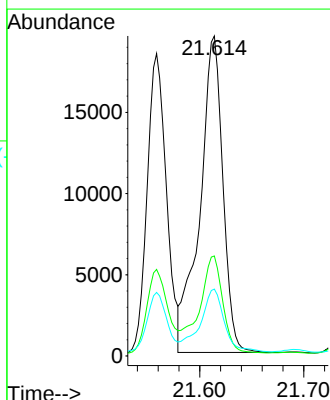
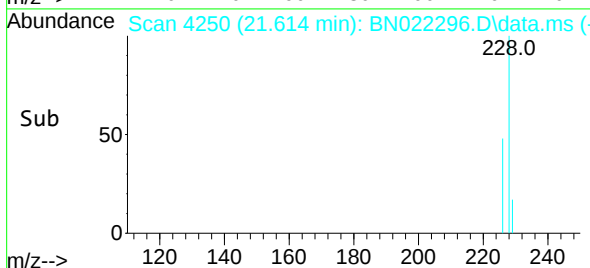
Reviewed By :Jagrut Upadhyay 10/25/2022
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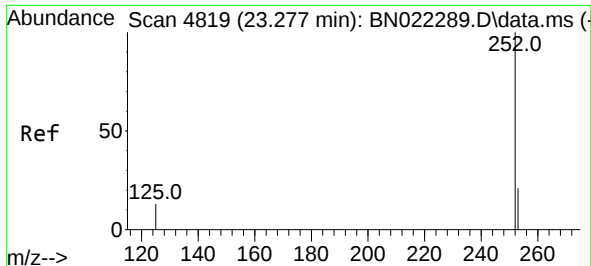


#22
Chrysene
Concen: 0.796 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23



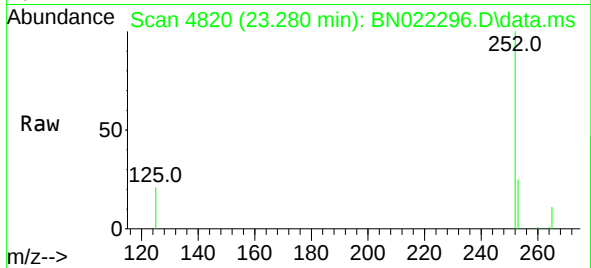
Tgt Ion:228 Resp: 29911
Ion Ratio Lower Upper
228 100
226 31.3 23.9 35.9
229 20.9 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.994 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

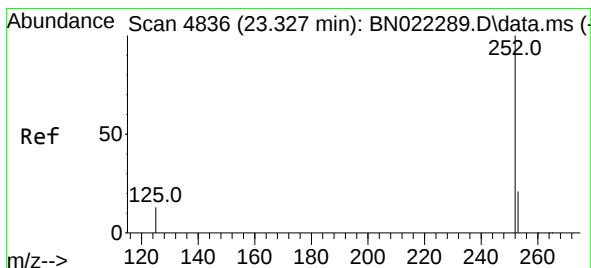
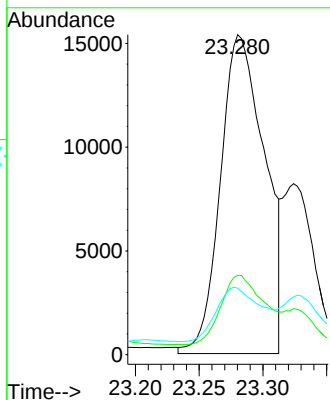
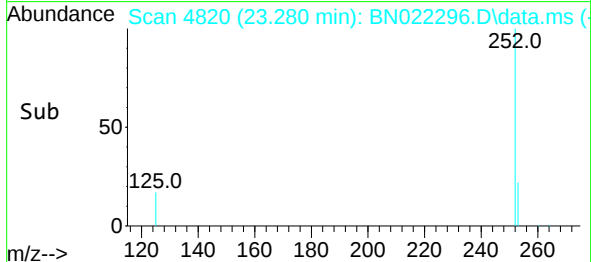
Instrument :
BNA_N
ClientSampleId :
C0BK4



Tgt Ion:252 Resp: 37029
Ion Ratio Lower Upper
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253 24.8 0.0 49.0
125 20.8 0.0 35.2

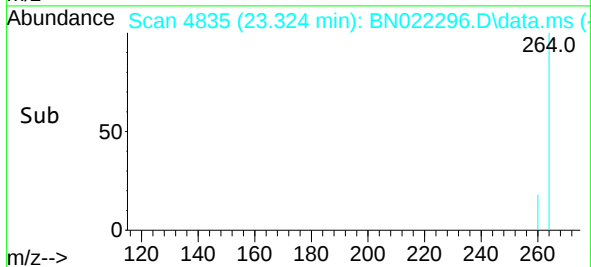
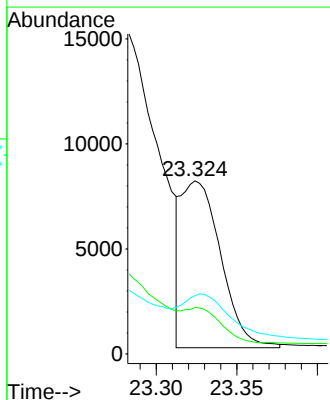
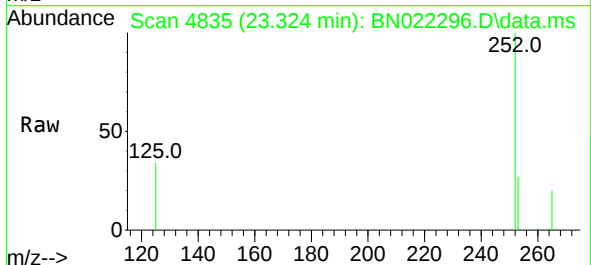
Manual Integrations
APPROVED

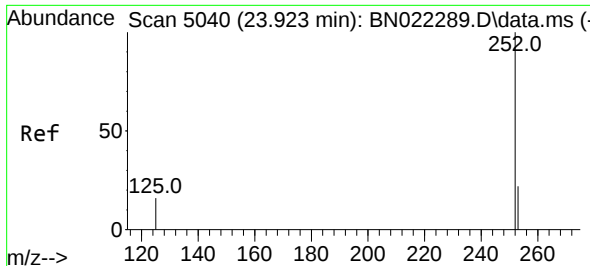
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul m
RT: 23.324 min Scan# 4835
Delta R.T. -0.003 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

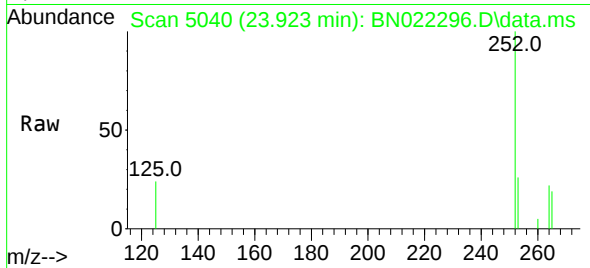
Tgt Ion:252 Resp: 13521
Ion Ratio Lower Upper
252 100
253 27.0 19.7 29.5
125 33.7 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.709 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23

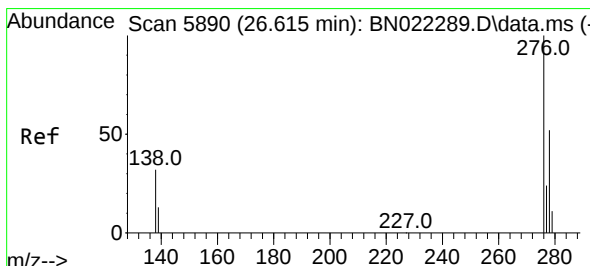
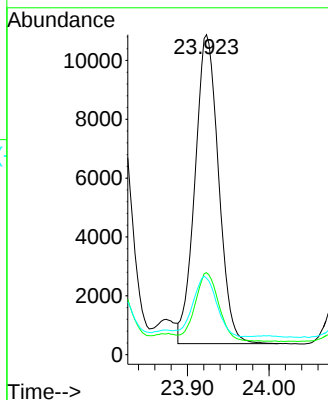
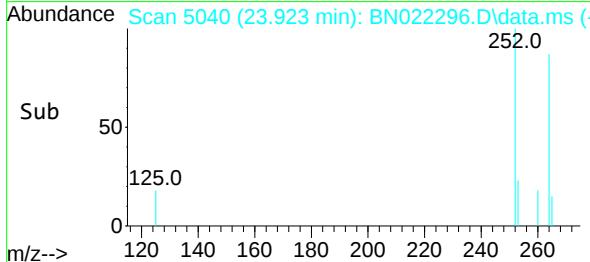
Instrument :
BNA_N
ClientSampleId :
C0BK4



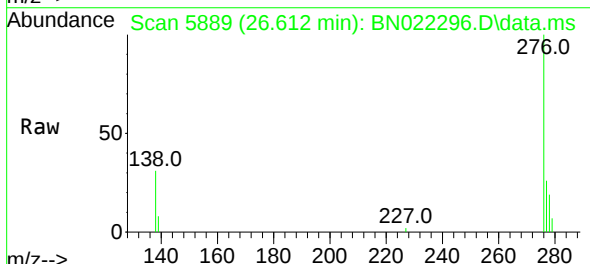
Tgt Ion:252 Resp: 2107
Ion Ratio Lower Upper
252 100
253 25.6 21.0 31.6
125 23.9 17.9 26.9

Manual Integrations
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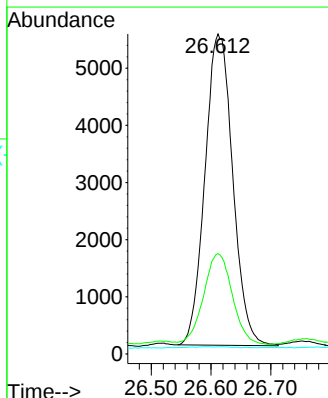
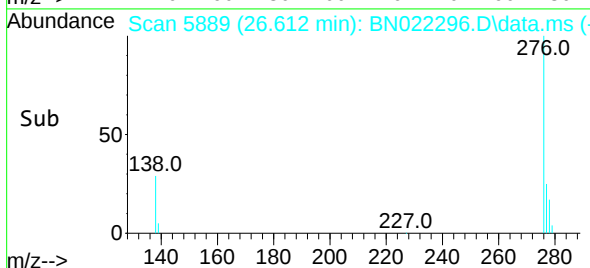
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

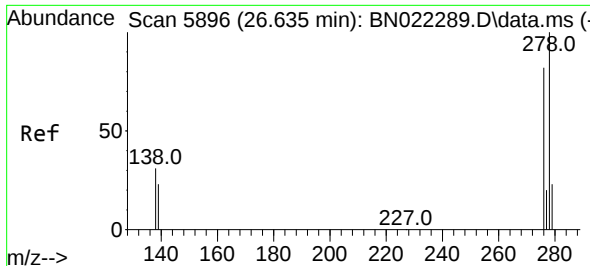


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.476 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022296.D
Acq: 24 Oct 2022 13:23



Tgt Ion:276 Resp: 17576
Ion Ratio Lower Upper
276 100
138 30.2 27.7 41.5
227 0.3 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.140 ng/ul

RT: 26.628 min Scan# 5896

Delta R.T. -0.010 min

Lab File: BN022296.D

Acq: 24 Oct 2022 13:23

Instrument :

BNA_N

ClientSampleId :

C0BK4

Tgt Ion:278 Resp: 4134

Ion Ratio Lower Upper

278 100

139 37.5 19.6 29.4

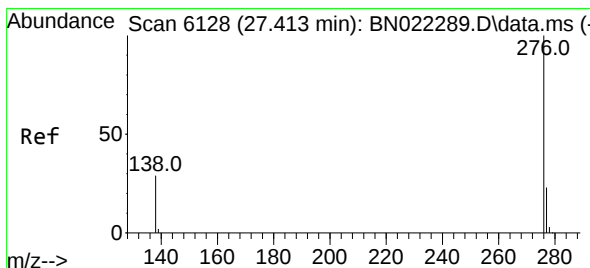
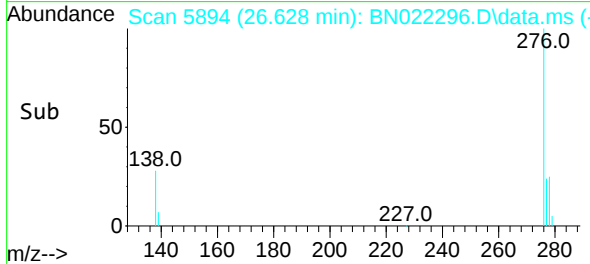
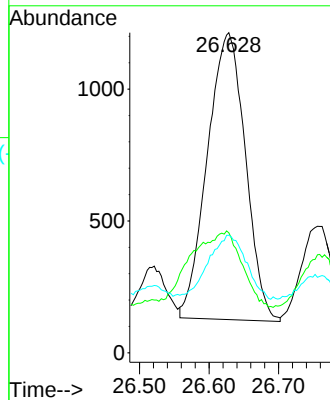
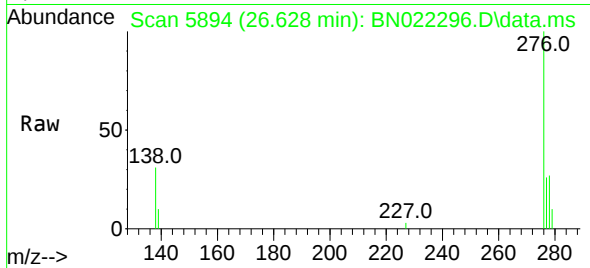
279 36.7 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022

Supervised By :mohammad ahmed 10/27/2022



#29

Benzo(g,h,i)perylene

Concen: 0.505 ng/ul

RT: 27.413 min Scan# 6128

Delta R.T. 0.003 min

Lab File: BN022296.D

Acq: 24 Oct 2022 13:23

Tgt Ion:276 Resp: 15186

Ion Ratio Lower Upper

276 100

138 31.5 25.2 37.8

277 25.7 19.9 29.9

